--*REMARKS* --

In the Final Office Action, Examiner Tse objected to pending claims 1-32 on various grounds. The Applicant responds to the objection of claims 1-32 by amending claims 1, 2, 3, 5, 6, 8-11, 15-19, 22-25, 28 and 32 herein to overcome the objectio n of claims 1-32 as set forth by Examiner Munoz. Withdrawal of the objection to claims 1-32 is therefore respectfully requested.

Also in the Final Office Action, Examiner Tse rejected claims 8-14 under 35 U.S.C. §121, ¶1 for filing to comply with the ena blement requirement. The Applicant has amended claim 11 herein to recite "a comparator, operatively coupling the correlator to the subtractor and the sample position selector, for comparing the ensemble correlation function to a threshold to define the vaid sampling region". The Applicant respectfully asserts this amendment of claim 11 complies with the enablement requirement in view of FIG. 6 and its corresponding description. Withdrawal of rejection of claims 8-14 under 35 U.S.C. §121, ¶1 is therefore respectfully requested.

SUMMARY

The Applicant respectfully submits that pending claims 1-32 as listed herein fully satisfy the requirements of 35 U.S.C. §§ 102, 103 and 112. In view of the foregoing, favorable consideration and early passage to issue of the present application is respectfully requested. If any points remain in issue that may best be resolved through a personal or telephonic interview, Examiner Tse is respectfully requested to contact the undersigned at the telephone number listed belo w.

Dated: **August 1, 2006**   Respectfully submitted,
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